

PATENT
Docket No. 495812004700

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Dated: 12/30/03

Signature: _____

(Tia B. Zimmerman)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Kevin R. CURTIS et al.

Serial No.: 10/658,055

Filing Date: September 8, 2003

For: METHODS FOR IMPLEMENTING
PAGE BASED HOLOGRAPHIC ROM
RECORDING AND READING

Examiner: Not Yet Assigned

Group Art Unit: 2872

INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R. § 1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of those references are not submitted. Copies of foreign documents and non-patent literature are submitted herewith.

The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of \$ enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \$ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.


Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **495812004700**. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: December 30, 2003

Respectfully submitted,

By: 
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Registration No. 48,375

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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 495812004700

Application Number 10/658,055

Applicant

Kevin R. CURTIS et al.

Filing Date September 8, 2003

Group Art Unit 2872

Mailing Date December 30, 2003

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	01/15/2003	10/346,399	Curtis et al.			
	2.	11/27/2002	10/305,769	Woods et al.			
	3.	03/10/2003	60/453,529	Curtis et al.			
	4.	07/03/2003	2003/0123116	Shuman			
	5.	04/13/1993	5,202,875	Rosen et al.			
	6.	08/16/1994	5,339,305	Curtis et al.			
	7.	01/09/1996	5,483,365	Pu et al.			
	8.	08/27/1996	5,550,779	Burr et al.			
	9.	08/26/1997	5,661,577	Jenkins et al.			
	10.	02/17/1998	5,719,691	Curtis et al.			
	11.	04/06/1999	5,892,601	Curtis et al.			
	12.	07/06/1999	5,920,536	Campbell et al.			
	13.	08/03/1999	5,932,045	Campbell et al.			
	14.	06/27/2000	6,081,912	Richardson			
	15.	08/29/2000	6,111,828	McLeod et al.			
	16.	08/07/2001	6,272,095	Liu et al.			
	17.	11/27/2001	6,322,933	Daiber et al.			
	18.	11/19/2002	6,482,551	Dhar et al.			
	19.	09/02/2003	6,614,566	Curtis et al.			

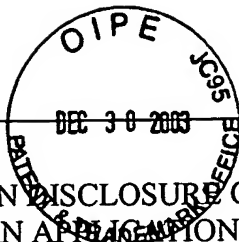
FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 495812004700	Application Number 10/658,055
	Applicant Kevin R. CURTIS et al.	
	Filing Date September 8, 2003	Group Art Unit 2872
	Mailing Date December 30, 2003	

OTHER DOCUMENTS (including author, title, date Pertinent pages, etc)

Ref. No.	Title
20.	Author Unknown (Date Unknown). "Holographic Confocal Microscope," located at http://fyzika.fme.vutbr.cz/~chmelik/hclm/Parmode.htm , last visited on November 21, 2002, 4 pages.
21.	Author Unknown. "How Does A Confocal Microscope Work?," located at http://glinda.lrsn.upennedu/~weeks/confocal , last visited on November 21, 2002, 5 pages.
22.	Barbastathis, G. and Balberg, M. (1999). "Confocal Microscopy with A Volume Holographic Filter," <i>Optic Letters</i> 24(12):811-813.
23.	Bryanston-Cross, P. (2002). "Technical Research: Holography," provided by Optical Engineering Laboratory, located at http://www.eng.warwick.ac.uk , last visited on November 21, 2002, 2 pages.
24.	Burr, G. W. and Leyva, I. (2000). "Multiplexed Phase-Conjugate Holographic Data Storage with Buffer Hologram," <i>Optics Letters</i> 25(7):499-501.
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26.	Chuang, E. et al. (2002). "Holographic ROM System for High-Speed Replication," <i>Sony AVIIT Development Group, Optical Disc. Dev. Div., Dept. 2</i> , pp. 1-15.
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28.	Curtis, K. and Psaltis, D. (1994). "Three-Dimensional Disk Based Optical Correlator," <i>Optical Engineering</i> 33(12):4051-4054.
29.	Curtis, K. et al. (1994). "Method of Holographic Storage Using Peristrophic Multiplexing," <i>Optics Letters</i> 19(13):993-994.
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DEC 30 2003

PTO/SB/08 (2-92)

Sheet 3 of 3

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

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Application Number 10/658,055

Applicant

Kevin R. CURTIS et al.

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office.org , last visited on November 22, 2002, 14 pages.

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| 34. | Kostuck, R. K. et al. (2000). "Beam Conditioning Techniques for Holographic Recording Systems," <u>Holographic Data Storage</u> , Coufal, H. J. et al., eds, Storage Springer-Verlag, pp. 259-269. |
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| 37. | Miller, J. W. V. (1999). "Report Brief," describing a telecentric vision system for broach verification, located at http://www.engin.umd.umich.edu , last visited on November 22, 2002, 4 pages. |
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| 41. | Schnoes, M. et al. (Date Unknown). "Holographic Data Storage Media for Practical Systems," 9 pages. |
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